

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1-19. **(Cancelled)**

20. **(Currently amended)** A golf mat Artificial turf, comprising:

a substrate; and

a plurality of fibers protruding from the substrate, wherein at least some of the fibers comprise a polymer that responds to an elastic elongation by changing from a relaxed color to an elongated color, the relaxed color and the elongated color being visually distinguishable.

21. **(Currently amended)** The golf mat artificial turf of claim 20 wherein at least some of the fibers comprise poly(diacetylene).

22. **(Currently amended)** The golf mat artificial turf of claim 21 wherein at least some of the fibers are composed of poly(diacetylene).

23. **(Currently amended)** The golf mat artificial turf of claim 21 wherein at least some of the fibers comprise a coating of poly(diacetylene) surrounding a core of a different material.

24. **(Currently amended)** The golf mat artificial turf of claim 20, further comprising indicia for determining the position of a golf ball.

25. **(Cancelled)**

26. **(New)** A golf mat, comprising:
a substrate; and
a plurality of fibers protruding from the substrate, wherein the fibers respond to impact with a golf club head by changing from a first color to a second color, the first and second colors being visually distinguishable, and wherein the fibers do not produce the same color change in response to an environmental change in temperature.
27. **(New)** The golf mat of claim 26 wherein the fibers include a chromogen that is not coated on the surface of the fibers.
28. **(New)** The golf mat of claim 27 wherein the chromogen is a stress chromic.
29. **(New)** The golf mat of claim 27 wherein the chromogen is a thermochromic.
30. **(New)** The golf mat of claim 27 wherein the chromogen is both stress chromic and thermochromic.
31. **(New)** The golf mat of claim 27 wherein the chromogen is polymeric.